# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 3215 | 375/295 | US-PGPUB; USPAT | OR | ON | 2007/05/07 09:28 |
| S2 | 1276 | 375/295.ccls. | US-PGPUB; USPAT | OR | ON | 2007/04/30 14:27 |
| S3 | 987 | 375/296.ccls. | US-PGPUB; USPAT | OR | ON | 2007/04/30 14:28 |
| S4 | 1 | S2 and carrier with leakage and current near offset | US-PGPUB; USPAT | OR | ON | 2007/04/30 14:30 |
| S5 | 3 | S2 and carrier with leakage and current with offset | US-PGPUB; USPAT | OR | ON | 2007/04/30 17:19 |
| S6 | 8 | (S2 S3) and carrier with leakage and current with offset | US-PGPUB; USPAT | OR | ON | 2007/04/30 14:41 |
| S7 | 3 | S3 and gilbert with cell and modulator | US-PGPUB; USPAT | OR | ON | 2007/04/30 14:51 |
| S8 | 2 | S3 and gilbert and modulator and (mismatch mis-match mis adj match) | US-PGPUB; USPAT | OR | ON | 2007/04/30 14:59 |
| S9 | 8 | S3 and gilbert and current | US-PGPUB; USPAT | OR | ON | 2007/04/30 14:59 |
| S10 | 0 | S3 and gilbert and current and sink | US-PGPUB; USPAT | OR | ON | 2007/04/30 15:00 |
| S11 | 0 | S3 and gilbert and current and volatage and convert$3 | US-PGPUB; USPAT | OR | ON | 2007/04/30 15:00 |
| S12 | 0 | S3 and gilbert and current and volatage and conve$% | US-PGPUB; USPAT | OR | ON | 2007/04/30 15:00 |
| S13 | 0 | S3 and gilbert and current and volatage and conve$5 | US-PGPUB; USPAT | OR | ON | 2007/04/30 15:00 |
| S14 | 5 | S3 and gilbert and current and voltage and conve$5 | US-PGPUB; USPAT | OR | ON | 2007/05/01 09:07 |
| S15 | 1 | S3 and gilbert and current with voltage with conve$5 | US-PGPUB; USPAT | OR | ON | 2007/04/30 15:01 |
| S16 | 4 | S2 and current adj offset | US-PGPUB; USPAT | OR | ON | 2007/04/30 17:19 |
| S17 | 1784 | quadrature adj modulator | US-PGPUB; USPAT | OR | ON | 2007/05/01 09:07 |
| S18 | 1 | quadrature adj modulator same current adj offset with (detect$4 transconductance) | US-PGPUB; USPAT | OR | ON | 2007/05/01 09:08 |
| S19 | 2 | quadrature adj modulator same current with offset with (detect$4 transconductance) | US-PGPUB; USPAT | OR | ON | 2007/05/01 09:11 |
| S20 | 2 | quadrature adj modulator same current with sink | US-PGPUB; USPAT | OR | ON | 2007/05/01 11:02 |
| S21 | 15 | (current adj sink and current adj offset) same (correct$4 detect$4) | US-PGPUB; USPAT | OR | ON | 2007/05/01 11:04 |
| S22 | 28 | current adj sink and current adj offset same (correct$4 detect$4) | US-PGPUB; USPAT | OR | ON | 2007/05/01 11:38 |

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|---|---|---|---|---|---|---|
| S23 | 12 | transconductance with current adj offset | US-PGPUB; USPAT | OR | ON | 2007/05/01 11:38 |
| S24 | 1 | transconductance with current adj offset same modulator | US-PGPUB; USPAT | OR | ON | 2007/05/01 11:38 |
| S25 | 1 | transconductance with current adj offset and modulator | US-PGPUB; USPAT | OR | ON | 2007/05/01 11:39 |
| S26 | 3 | transconductance same current adj offset and modulator | US-PGPUB; USPAT | OR | ON | 2007/05/01 11:40 |
| S27 | 4 | current adj offset same quadrature adj modulator | US-PGPUB; USPAT | OR | ON | 2007/05/01 11:43 |
| S28 | 6 | current adj offset same (carrier oscillator) adj (leakage noise) | US-PGPUB; USPAT | OR | ON | 2007/05/01 11:53 |
| S29 | 989 | 375/296.ccls. | US-PGPUB; USPAT | OR | ON | 2007/05/01 11:54 |
| S30 | 2 | S29 and current adj offset and time with (interval symbol synchronization correction) | US-PGPUB; USPAT | OR | ON | 2007/05/01 11:54 |
| S31 | 583602 | (DSP digital adj signal adj processor) with voltage offset compensator | US-PGPUB; USPAT | OR | ON | 2007/05/03 08:49 |
| S32 | 1 | (DSP digital adj signal adj processor) with voltage adj offset with compensat$5 | US-PGPUB; USPAT | OR | ON | 2007/05/03 09:53 |
| S33 | 1 | "4243955".pn. | US-PGPUB; USPAT | OR | ON | 2007/05/03 09:53 |
| S34 | 2 | gilbert with modulator same offset with (correct$4 compensat$4) same method | US-PGPUB; USPAT | OR | ON | 2007/05/03 16:29 |
| S35 | 337 | (DSP or digital signal processor) with current with voltage with conver$5 | US-PGPUB; USPAT | ADJ | ON | 2007/05/03 15:59 |
| S36 | 262 | (DSP or digital signal processor) with current with voltage with converter | US-PGPUB; USPAT | ADJ | ON | 2007/05/03 15:59 |
| S37 | 150 | (DSP or digital signal processor) with current near2 voltage with converter | US-PGPUB; USPAT | ADJ | ON | 2007/05/03 16:11 |
| S38 | 13174 | current near voltage with converter | US-PGPUB; USPAT | ADJ | ON | 2007/05/03 16:11 |
| S39 | 13174 | current near voltage with converter | US-PGPUB; USPAT | OR | ON | 2007/05/03 16:11 |
| S40 | 501813 | (current near voltage) converter | US-PGPUB; USPAT | OR | ON | 2007/05/03 16:12 |
| S41 | 5019 | (current near voltage) adj converter | US-PGPUB; USPAT | OR | ON | 2007/05/03 16:12 |
| S42 | 5181 | digital adj current adj signal (current near voltage) adj converter | US-PGPUB; USPAT | OR | ON | 2007/05/03 16:12 |
| S43 | 0 | gilbert with modulator same offset with feedback | US-PGPUB; USPAT | OR | ON | 2007/05/03 16:29 |
| S44 | 3 | gilbert with modulator same offset same feedback | US-PGPUB; USPAT | OR | ON | 2007/05/03 16:31 |
| S45 | 17 | gilbert same feedback and (current near voltage IV I near V) near converter | US-PGPUB; USPAT | OR | ON | 2007/05/03 16:32 |

| S46 | 16 | gilbert same feedback and (current near voltage IV I adj V) near converter | US-PGPUB; USPAT | OR | ON | 2007/05/03 16:33 |
|-----|-----|-----|-----|-----|-----|-----|
| S47 | 4 | gilbert same feedback and (current adj voltage IV I adj V) near converter | US-PGPUB; USPAT | OR | ON | 2007/05/03 16:59 |
| S48 | 1151 | (current adj voltage IV I adj V) near converter and offset | US-PGPUB; USPAT | OR | ON | 2007/05/03 16:59 |
| S49 | 320 | (current adj voltage IV I adj V) near converter and offset with (correct$4 compensat$4) | US-PGPUB; USPAT | OR | ON | 2007/05/03 17:46 |
| S50 | 34 | (current adj voltage IV I adj V) near converter and offset with (correct$4 compensat$4) and modulator | US-PGPUB; USPAT | OR | ON | 2007/05/03 17:12 |
| S51 | 168 | digital current signal | US-PGPUB; USPAT | ADJ | ON | 2007/05/03 17:14 |
| S52 | 0 | digital current signal with (IV or I V or current voltage) converter | US-PGPUB; USPAT | ADJ | ON | 2007/05/03 17:13 |
| S53 | 11 | (current adj voltage IV I adj V) near converter same gilbert | US-PGPUB; USPAT | OR | ON | 2007/05/03 17:46 |
| S54 | 10 | (current adj voltage IV I adj V) adj converter with DSP | US-PGPUB; USPAT | OR | ON | 2007/05/07 09:55 |
| S55 | 37 | (current adj voltage IV I adj V) adj converter same DSP | US-PGPUB; USPAT | OR | ON | 2007/05/07 09:58 |
| S56 | 27 | S55 not S54 | US-PGPUB; USPAT | OR | ON | 2007/05/07 09:55 |
| S57 | 19 | (current adj voltage IV I adj V) adj converter with (DSP digital adj signal adj processor) | US-PGPUB; USPAT | OR | ON | 2007/05/07 09:59 |
| S58 | 27 | S56 not S54 | US-PGPUB; USPAT | OR | ON | 2007/05/07 09:59 |